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INTERNET RELAY CONNECTION SYSTEM

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Inventor(s): KANO OSAMU; INOUE TAKUYA; MIZOGUCHI YOICHI ±
Applicant(s): NEC CORP; NTT COMM KK ±
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Abstract of JP 2002208965 (A)

PROBLEM TO BE SOLVED: To achieve high level security at the time of authenticating a terminal connected from a home communication network to the Internet by dial-up, and an IP address is assigned according to the convention. SOLUTION: An IPsec tunnel is set in a communication path in the Internet communication network so that the secured communication can be performed through the IPsec tunnel between a home communication network and an authentication server communication network. Moreover, authentication strength can be enhanced by the two stages of the IP level authentication of the IPsec tunnel establishment and the personal identification of an information server access, and a consumer can be specified from the IP address according to the linkage of an authentication server GW, an IP level authentication server, and a personal identification server. The consumer information can be acquired from the access IP address by an information server.

